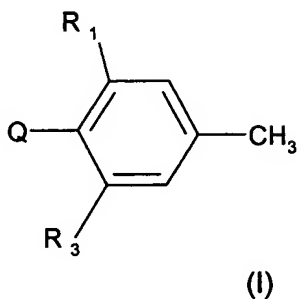


AMENDMENTS TO THE CLAIMS

Claims 1-6 (Cancelled)

Claims 7-13 (Withdrawn)

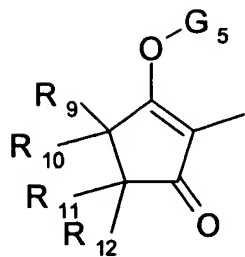
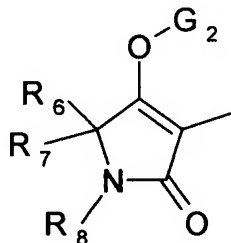
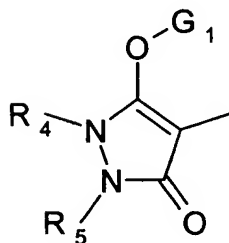
Claim 14. (New). A compound of formula I



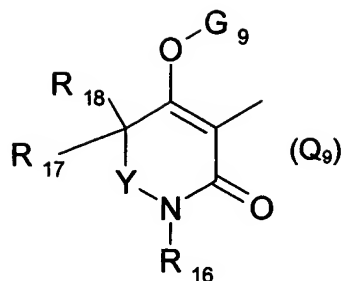
wherein

R_1 and R_3 are each independently of the other ethyl, haloethyl, ethynyl, C_1 - C_2 alkoxy, C_1 - C_2 haloalkoxy, C_1 - C_2 alkylcarbonyl, C_1 - C_2 hydroxyalkyl or C_1 - C_2 alkoxycarbonyl;

Q is a group



or



R₄ and R₅ are each independently of the other C₁-C₁₀alkyl, C₂-C₁₀alkenyl, C₂-C₁₀alkynyl, C₁-C₁₀haloalkyl, C₂-C₁₀alkoxyalkyl, C₃-C₁₀alkenyloxyalkyl, C₃-C₁₀alkynyloxyalkyl, C₂-C₁₀alkylthioalkyl, C₂-C₁₀alkylsulfinylalkyl, C₂-C₁₀alkylsulfonylalkyl, C₂-C₁₀alkylcarbonylalkyl, C₂-C₁₀-N-alkoxyiminoalkyl, C₂-C₁₀alkoxycarbonylalkyl, C₁-C₁₀aminoalkyl, C₃-C₁₀dialkylaminoalkyl, C₂-C₁₀alkylaminoalkyl, C₁-C₁₀cyanoalkyl, C₄-C₁₀cycloalkylalkyl, C₁-C₁₀phenylalkyl, C₁-C₁₀heteroarylalkyl, C₁-C₁₀phenoxyalkyl, C₁-C₁₀heteroaryloxyalkyl, C₁-C₁₀alkylideneaminoxyalkyl, C₁-C₁₀nitroalkyl, C₁-C₁₀trialkylsilylalkyl, C₂-C₁₀alkylaminocarbonylalkyl, C₂-C₁₀dialkylaminocarbonylalkyl, C₂-C₁₀alkylaminocarbonyloxyalkyl, C₃-C₁₀dialkylaminocarbonyloxyalkyl, C₂-C₁₀alkoxycarbonylaminoalkyl, C₁-C₁₀-N-alkoxycarbonyl-N-alkylaminoalkyl, C₁-C₁₀cycloalkyl, aryl or heteroaryl; or

R₄ and R₅, together with the atoms to which they are bonded, form a 5- to 7-membered cyclic group that may contain one or two hetero atoms selected from nitrogen, oxygen and sulfur and that, in addition, may contain a fused or spiro-bound alkylene or alkenylene chain consisting of from 2 to 6 carbon atoms, which chain may in turn contain one or two hetero atoms selected from oxygen and sulfur, wherein the cyclic group may be substituted by phenyl or benzyl, which in turn may be substituted by halogen, C₁-C₆alkyl, C₁-C₆haloalkyl, C₃-C₆cycloalkyl, hydroxy, C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆haloalkoxy or by nitro;

R₆ is C₁-C₁₀alkyl, C₂-C₁₀alkenyl, C₂-C₁₀alkynyl, C₁-C₁₀haloalkyl, C₂-C₁₀alkoxyalkyl, C₃-C₁₀alkenyloxyalkyl, C₃-C₁₀alkynyloxyalkyl, C₂-C₁₀alkylthioalkyl, C₂-C₁₀alkylsulfinylalkyl, C₂-C₁₀alkylsulfonylalkyl, C₂-C₁₀alkylcarbonylalkyl, C₃-C₁₀cycloalkyl, aryl or heteroaryl;

R₇, is hydrogen, C₁-C₁₀alkyl, C₂-C₁₀alkenyl, C₂-C₁₀alkynyl or C₂-C₁₀alkoxyalkyl;

R₈ is hydrogen, C₁-C₁₀alkyl, C₁-C₁₀haloalkyl, C₂-C₁₀alkoxyalkyl, C₃-C₁₀alkenyl-oxyalkyl, C₃-C₁₀alkynyloxyalkyl, C₂-C₁₀alkylthioalkyl, C₂-C₁₀alkylsulfinylalkyl, C₂-C₁₀alkylsulfonylalkyl, C₃-C₁₀cycloalkyl, aryl or heteroaryl; or

R₆ and R₇, together with the atom to which they are bonded, form a saturated 3- to 7-membered cyclic group that may contain one or two hetero atoms selected from nitrogen, oxygen and sulfur; or

R₆ and R₈, together with the atoms to which they are bonded, form a 5- to 7-membered cyclic group that may contain one or two hetero atoms selected from nitrogen, oxygen and sulfur;

R₉, R₁₀, R₁₁ and R₁₂ are each independently of the others C₁-C₁₀alkyl, C₂-C₁₀alkenyl, C₂-C₁₀alkynyl, C₁-C₁₀haloalkyl, C₂-C₁₀alkoxyalkyl, C₃-C₁₀alkenyloxyalkyl, C₃-C₁₀alkynyloxyalkyl, C₂-C₁₀alkylthioalkyl, C₂-C₁₀alkylsulfinylalkyl, C₂-C₁₀alkylsulfonylalkyl, C₂-C₁₀alkylcarbonylalkyl, C₃-C₁₀cycloalkyl, aryl or heteroaryl; or

R₉ and R₁₁ or R₉ and R₁₀, together with the atoms to which they are bonded, form a 5- to 7-membered cyclic group that may contain one or two hetero atoms selected from nitrogen, oxygen and sulfur;

R₁₆ is C₁-C₁₀alkyl, C₂-C₁₀alkenyl, C₂-C₁₀alkynyl, C₁-C₁₀haloalkyl, C₂-C₁₀alkoxyalkyl, C₃-C₁₀alkenyloxyalkyl, C₃-C₁₀alkynyloxyalkyl, C₂-C₁₀alkylthiolalkyl, C₂-C₁₀alkyl-sulfinylalkyl, C₂-C₁₀alkylsulfonylalkyl, C₃-C₁₀cycloalkyl, aryl or heteroaryl;

R₁₇ is C₁-C₁₀alkyl, C₂-C₁₀alkenyl, C₂-C₁₀alkynyl, C₁-C₁₀haloalkyl, C₂-C₁₀alkoxyalkyl, C₃-C₁₀alkenyloxyalkyl, C₃-C₁₀alkynyloxyalkyl, C₂-C₁₀alkylthioalkyl, C₂-C₁₀alkyl-sulfinylalkyl, C₂-C₁₀alkylsulfonylalkyl, C₂-C₁₀alkylcarbonylalkyl, C₃-C₁₀cycloalkyl, aryl or heteroaryl;

R₁₈ is hydrogen, C₂-C₁₀alkenyl, C₂-C₁₀alkynyl, C₁-C₁₀alkyl or C₁-C₁₀alkoxyalkyl; or

R₁₇ and R₁₈, together with the atoms to which they are bonded, form a 3- to 7-membered cyclic group that may contain one or two hetero atoms selected from nitrogen, oxygen and sulfur;

Y is oxygen, sulfur, C-R₁₉ or N-R₃₆;

R₁₉ and R₃₆ are each independently of the other C₁-C₁₀alkyl, C₂-C₁₀alkenyl, C₂-C₁₀alkynyl, C₁-C₁₀haloalkyl, phenyl or heteroaryl; or

R₁₈ and R₁₉ or R₁₈ and R₃₆, together with the atom to which they are bonded, form a saturated 5- to 7-membered cyclic group that may contain one or two hetero atoms selected from nitrogen, oxygen and sulfur;

G₁, G₂, G₅, and G₉ are each independently of the others hydrogen, -C(X₁)-R₂₀, -C(X₂)-X₃-R₂₁, -C(X₄)-N(R₂₂)-R₂₃, -SO₂-R₂₄, an alkali metal cation, alkaline earth metal cation, sulfonium cation or ammonium cation, -P(X₅)(R₂₅)-R₂₆ or -CH₂-X₆-R₂₇;

X₁, X₂, X₃, X₄, X₅ and X₆ are each independently of the others oxygen or sulfur;

R₂₀, R₂₁, R₂₂ and R₂₃ are each independently of the others hydrogen, C₁-C₁₀alkyl, C₂-C₁₀alkenyl, C₂-C₁₀alkynyl, C₁-C₁₀haloalkyl, C₁-C₁₀cyanoalkyl, C₁-C₁₀nitroalkyl, C₁-C₁₀aminoalkyl, C₁-C₅alkylamino-C₁-C₅alkyl, C₂-C₈dialkylamino-C₁-C₅alkyl, C₃-C₇cycloalkyl-C₁-C₅alkyl, C₂-C₁₀alkoxyalkyl, C₄-C₁₀alkenyloxyalkyl, C₄-C₁₀alkynyloxyalkyl, C₂-C₁₀alkylthioalkyl, C₁-C₅alkylsulfoxyl-C₁-C₅alkyl, C₁-C₅alkylsulfonyl-C₁-C₅alkyl, C₂-C₈alkylideneaminooxy-C₁-C₅alkyl, C₁-C₅alkyl-carbonyl-C₁-C₅alkyl, C₁-C₅alkoxycarbonyl-C₁-C₅alkyl, C₁-C₅aminocarbonyl-C₁-C₅alkyl, C₂-C₈dialkylamino-carbonyl-C₁-C₅alkyl, C₁-C₅alkylcarbonylamino-C₁-C₅alkyl, C₁-C₅alkylcarbonyl-(C₂-C₅alkyl)-aminoalkyl, C₃-C₆trialkylsilyl-C₁-C₅alkyl, phenyl-C₁-C₅alkyl, heteroaryl-C₁-C₅alkyl, phenoxy-C₁-C₅alkyl, heteroaryloxy-C₁-C₅alkyl, C₂-C₅alkenyl, C₂-C₅haloalkenyl, C₃-C₈cycloalkyl, phenyl, or phenyl substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, or heteroaryl or heteroarylamino, or heteroaryl or heteroarylamino substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, diheteroarylamino, or diheteroarylamino substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, phenylamino, or phenylamino substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, diphenylamino, or diphenylamino substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, or C₃-C₇cycloalkylamino, di-C₃-C₇cycloalkylamino or C₃-C₇cycloalkoxy;

R₂₄, R₂₅ and R₂₆ are hydrogen, C₁-C₁₀alkyl, C₂-C₁₀alkenyl, C₂-C₁₀alkynyl, C₁-C₁₀haloalkyl, C₁-C₁₀cyanoalkyl, C₁-C₁₀nitroalkyl, C₁-C₁₀aminoalkyl, C₁-C₅alkylamino-C₁-C₅alkyl, C₂-C₈dialkylamino-C₁-C₅alkyl, C₃-C₇cycloalkyl-C₁-C₅alkyl, C₂-C₁₀alkoxyalkyl, C₄-C₁₀alkenyloxyalkyl, C₄-C₁₀alkynyloxyalkyl, C₂-C₁₀alkylthioalkyl, C₁-C₅alkylsulfoxyl-C₁-C₅alkyl, C₁-C₅alkylsulfonyl-C₁-C₅alkyl, C₂-C₈alkylideneaminooxy-C₁-C₅alkyl, C₁-C₅alkylcarbonyl-C₁-C₅alkyl, C₁-C₅alkoxycarbonyl-C₁-C₅alkyl, C₁-C₅aminocarbonyl-C₁-C₅alkyl, C₂-C₈dialkylaminocarbonyl-C₁-C₅alkyl, C₁-C₅alkylcarbonylamino-C₁-C₅alkyl, C₁-C₅alkylcarbonyl-(C₂-C₅alkyl)-aminoalkyl, C₃-C₆trialkylsilyl-C₁-C₅alkyl, phenyl-C₁-C₅alkyl, heteroaryl-C₁-C₅alkyl, phenoxy-C₁-C₅alkyl, heteroaryloxy-C₁-C₅alkyl, C₂-C₅alkenyl,

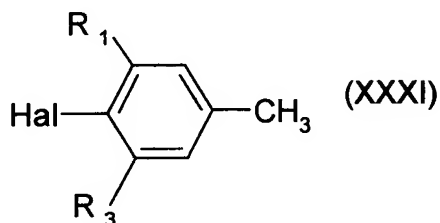
C₂-C₅haloalkenyl, C₃-C₈cycloalkyl, phenyl, or phenyl substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, or heteroaryl or heteroarylamino, or heteroaryl or heteroarylamino substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, diheteroarylamino, or diheteroarylamino substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, phenylamino, or phenylamino substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, diphenylamino, or diphenylamino substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, or C₃-C₇cycloalkylamino, di-C₃-C₇cycloalkylamino, C₃-C₇cycloalkoxy, C₁-C₁₀alkoxy, C₁-C₁₀haloalkoxy, C₁-C₅alkylamino, C₂-C₈dialkylamino, benzyloxy or phenoxy, wherein the benzyl and phenyl groups may in turn be substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro; R₂₇ is C₁-C₁₀alkyl, C₂-C₁₀alkenyl, C₂-C₁₀alkynyl, C₁-C₁₀haloalkyl, C₁-C₁₀cyanoalkyl, C₁-C₁₀nitroalkyl, C₁-C₁₀aminoalkyl, C₁-C₅alkylamino-C₁-C₅alkyl, C₂-C₈dialkyl-amino-C₁-C₅alkyl, C₃-C₇cycloalkyl-C₁-C₅alkyl, C₂-C₁₀alkoxyalkyl, C₄-C₁₀alkenyl-oxyalkyl, C₄-C₁₀alkynyloxyalkyl, C₂-C₁₀alkylthioalkyl, C₁-C₅alkylsulfoxyl-C₁-C₅alkyl, C₁-C₅alkylsulfonyl-C₁-C₅alkyl, C₂-C₈alkylideneaminoxy-C₁-C₅alkyl, C₁-C₅alkylcarbonyl-C₁-C₅alkyl, C₁-C₅alkoxycarbonyl-C₁-C₅alkyl, C₁-C₅amino-carbonyl-C₁-C₅alkyl, C₂-C₈dialkylamino-carbonyl-C₁-C₅alkyl, C₁-C₅alkyl-carbonylamino-C₁-C₅alkyl, C₁-C₅alkylcarbonyl-(C₂-C₅alkyl)-aminoalkyl, C₃-C₆trialkylsilyl-C₁-C₅alkyl, phenyl-C₁-C₅alkyl, heteroaryl-C₁-C₅alkyl, phenoxy-C₁-C₅alkyl, heteroaryloxy-C₁-C₅alkyl, C₂-C₅alkenyl, C₂-C₅haloalkenyl, C₃-C₈cycloalkyl, phenyl, or phenyl substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, or heteroaryl or heteroarylamino, or heteroaryl or heteroarylamino substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, diheteroarylamino, diheteroarylamino substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, or phenylamino, phenylamino substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, diphenylamino, diphenylamino substituted by C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano or by nitro, C₃-C₇cycloalkylamino, di-C₃-C₇cycloalkylamino, C₃-C₇cycloalkoxy or C₁-C₁₀alkylcarbonyl; or an agronomically tolerable salt, isomer or enantiomer of such a compound.

Claim 15. (New). A compound according to claim 1, wherein Q is Q₁.

Claim 16. (New) A process for the preparation of a compound of formula I according to claim 1, wherein a compound of formula XXX

Q-H (XXX)

wherein Q is Q₁, Q₂, Q₅, or Q₉, the substituents of which, with the exception of G₁, G₂, G₅, and G₉, have the meanings given above, and G₁, G₂, G₅, and G₉ are hydrogen, is reacted with a compound of formula XXXI



wherein R₁ and R₃ are as defined for formula I and Hal is chlorine, bromine or iodine, in the presence of an inert solvent, a base and a palladium catalyst at temperatures of from 30 to 250°C.

Claim 17. (New) A herbicidal and plant growth-inhibiting composition that comprises a herbicidally effective amount of a compound of formula I according to claim 1, on an inert carrier.

Claim 18. (New) A method of controlling undesired plant growth that comprises applying a herbicidally effective amount of an active ingredient of formula I according to claim 1, or of a composition comprising such an active ingredient, to the plants or to the locus thereof.

Claim 19. (New). A method of inhibiting plant growth that comprises applying a herbicidally effective amount of an active ingredient of formula I according to claim 1, or of a composition comprising such an active ingredient, to the plants or to the locus thereof.